

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A display device comprising at least one picture element and a display driver device comprising a driving transistor to be connected in series with the picture element in a first current path, the display driver comprising means for monitoring and controlling a current in said first current path, wherein the means for monitoring include an amplifier having a first input connected to the first current path, a second input connected to a second current path, and an output is directly connected via a first switch to a controlling connection of the driving transistor and wherein the second input is connected to a second switch for allowing a control charge on a capacitor connected to the second input to control the amplifier for

maintaining a current provided to the picture element during a hold period after selection of the picture element.

2.(Previous Presented) The display device as claimed in claim 1 wherein, in operation, the current in the first current path is controlled by a current simultaneously passing in the second current path.

Claim 3 (Canceled)

4.(Previous Presented) The display device as claimed in claim 2, wherein the driving transistor is a field effect transistor, and the controlling connection is a gate of the field effect transistor.

5.(Previous Presented) The display device as claimed in claim 1 wherein, in operation, the current in the first current path is controlled by a charge stored by means of a current having passed in the second current path.

Claims 6-7 (Canceled)

8. (Previous Presented) The display device as claimed in claim 1, wherein the picture element is a luminescent element and the first current determines a luminescence of the luminescent element.

9. (Currently Amended) A display driver device comprising:  
a driving transistor for driving a picture element via a first current path, the first current path being controllable by a current in a second current path related to an input data value for the picture element, and

a control amplifier, a controlling connection of the driving transistor being coupled to an output of the control amplifier, a first input of the control amplifier being coupled to the first current path, a second input of the control amplifier being connected to a second current path, and an output of the control amplifier being directly connected via a first switch to a controlling connection of the driving transistor, wherein the

second input is connected to a second switch for allowing a control charge on a capacitor connected to the second input to control the control amplifier for maintaining a current provided to the picture element during a hold period after selection of the picture element.

10. (Previous Presented) The display driver device as claimed in claim 9, wherein the driving transistor is a field effect transistor, and the controlling connection is a gate of the field effect transistor.

11. (Previous Presented) The display driver device as claimed in claim 9, wherein the second current path comprises a current source.

12. (Currently Amended) A display driver device comprising:  
a driving transistor for driving a picture element via a first current path wherein, in operation, a current in the first current

path is controlled by a charge stored by means of a current having passed in a second circuitry part; and

a control amplifier having an output directly coupled via a first switch to the driving transistor, a first input of the control amplifier being coupled to the first current path, and a second input of the control amplifier being connected to a second current path, wherein the second input is connected to a second switch for allowing a control charge on a capacitor connected to the second input to control the control amplifier for maintaining a current provided to the picture element during a hold period after selection of the picture element.

Claim 13 (Canceled)

14. (Previous Presented) The display driver device of claim 1, wherein the control charge is stored by means of a current having passed in the second current path.

15. (Previous Presented) The display driver device of claim 1, wherein the first input is an inverting input and the second input is a non-inverting input.

16. (Previous Presented) The display driver device of claim 9, wherein the first input is an inverting input and the second input is a non-inverting input.